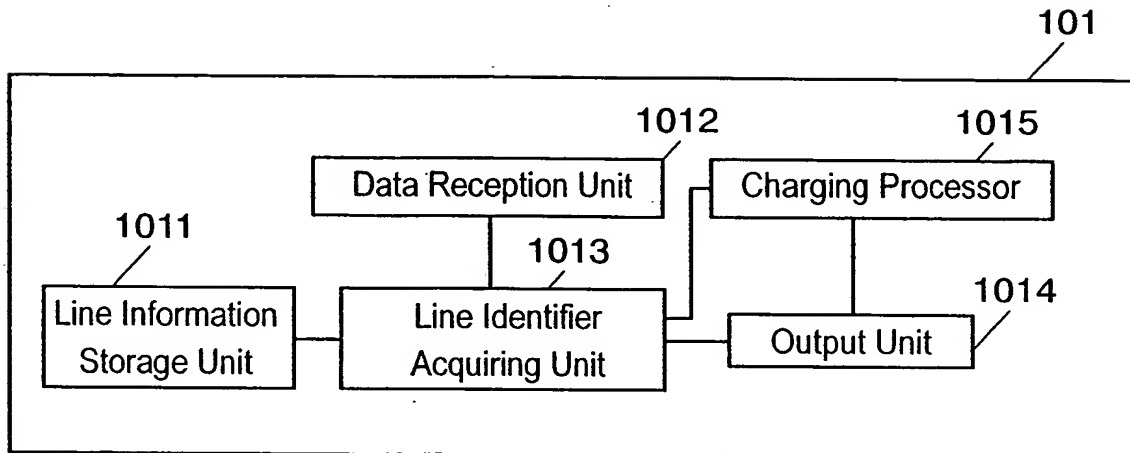


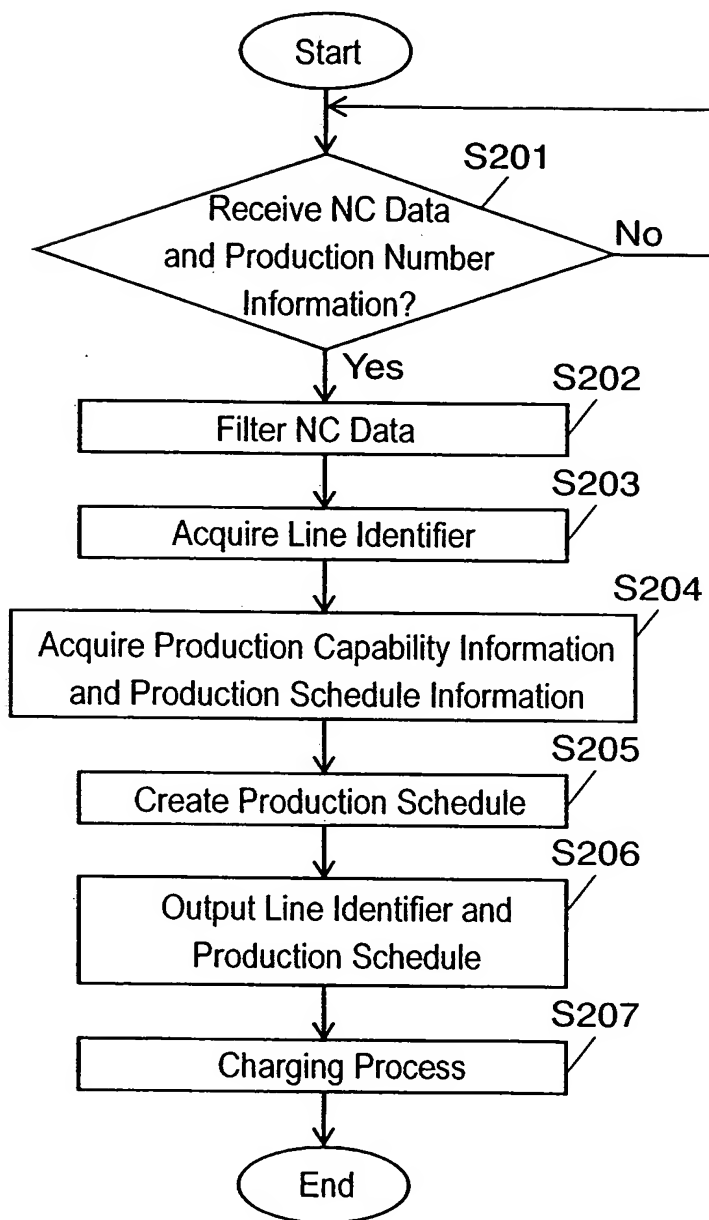
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FIG. 1

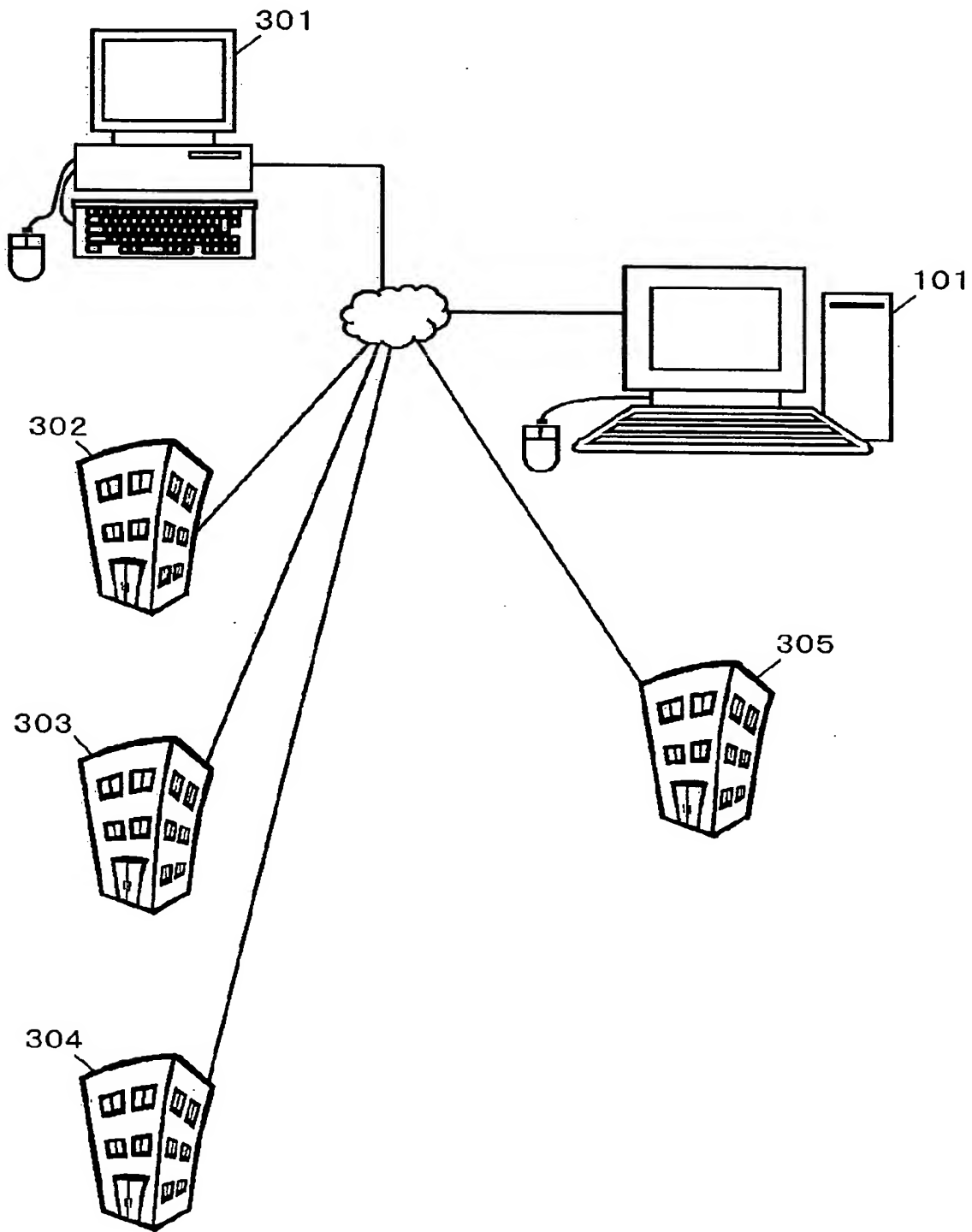


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FIG. 2



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FIG. 3



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FIG. 4

Line Identifier	Size Information (Maximum Size)	Component Information	Production Capacity Information (min/pcs)	Schedule Information (Production Period)
Company A Line 1	(330×250)	0603-□55mmQFP, QSP Connector, Resistor,...	2	Production Possible from 2003/7/1
Company A Line 2	(510×460)	0603-□55mmQFP, QSP Connector,...	3	2003/5/1 - 2003/12/1
Company B Line	(330×250)	0603-□55mmQFP, QSP Connector,...	2.5	Production Possible from 2003/10/1
Company C Line	(510×460)	0603-□55mmQFP, QSP Connector,...	3.5	-
⋮	⋮	⋮	⋮	⋮

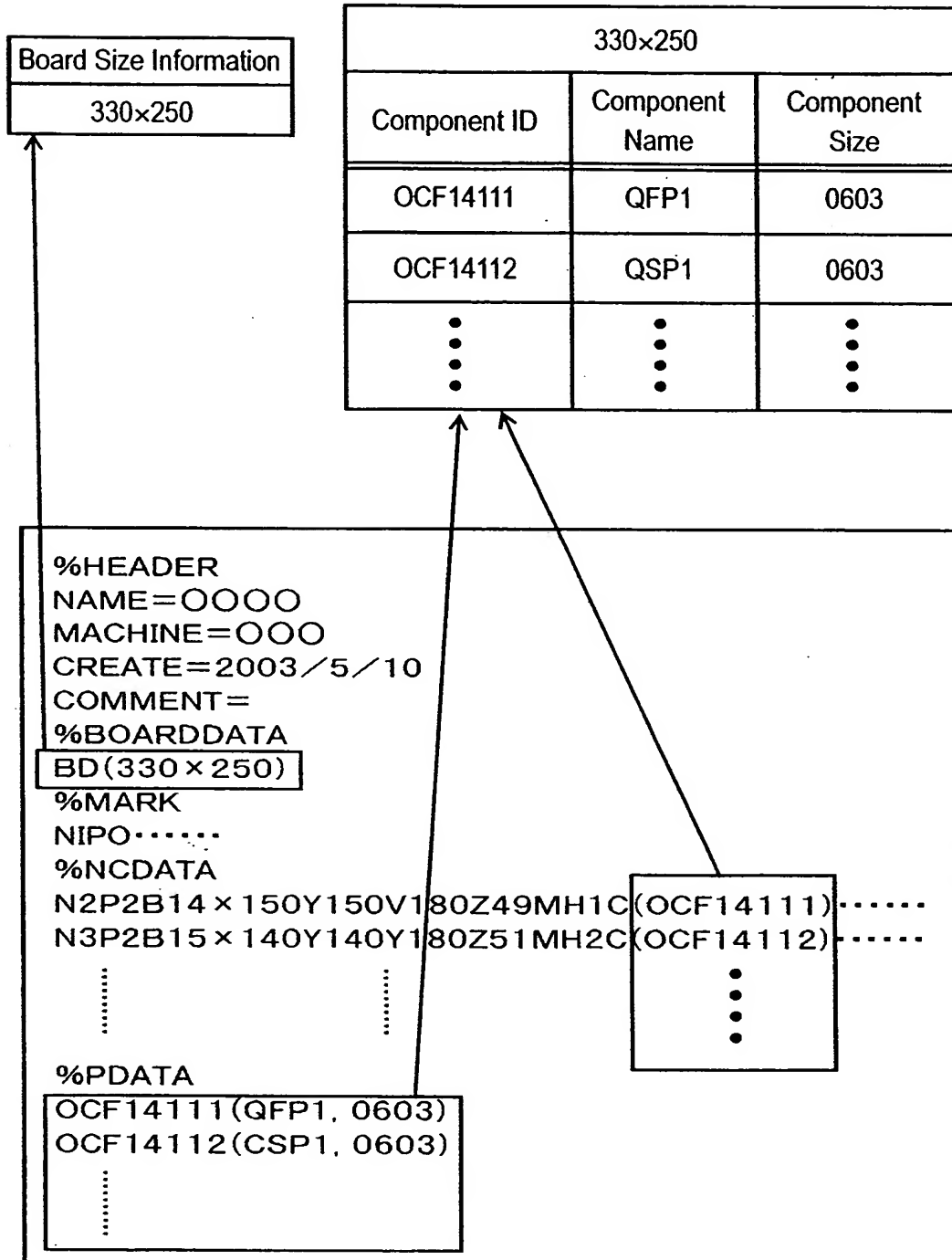
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FIG. 5

```
%HEADER
NAME=OOOO
MACHINE=OOO
CREATE=2003/5/10
COMMENT=
%BOARDDATA
BD(330×250)
%MARK
NIPO.....
%NCDATA
N2P2B14×150Y150V180Z49MH1C(OCF14111).....
N3P2B15×140Y140Y180Z51MH2C(OCF14112).....
      .....
      .....
%PDATA
OCF14111(QFP1, 0603)
OCF14112(CSP1, 0603)
      .....
```

FIG. 6

Board ID	Quantity (pcs)
U1	20,000

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FIG. 7



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 FIG. 8

Board Size Information
330×250

330×250		
Component ID	Component Name	Component Size
OCF14111	QFP1	0603
OCF14112	QSP1	0603
⋮	⋮	⋮

Line Identifier	Size Information (Maximum Size)	Component Information	Production Capacity Information (min/pcs)	Schedule Information (Production Period)
Company A Line 1	(330×250)	0603-□55mmQFP, QSP Connector, Resistor,...	2	Production Possible from 2003/7/1
Company A Line 2	(510×460)	0603-□55mmQFP, QSP Connector,...	3	2003/5/1 - 2003/12/1
Company B Line	(330×250)	0603-□55mmQFP, QSP Connector,...	2.5	Production Possible from 2003/10/1
Company C Line	(510×460)	0603-□55mmQFP, QSP Connector,...	3.5	-
⋮	⋮	⋮	⋮	⋮

Line Identifier
Company A Line 1
Company B Line

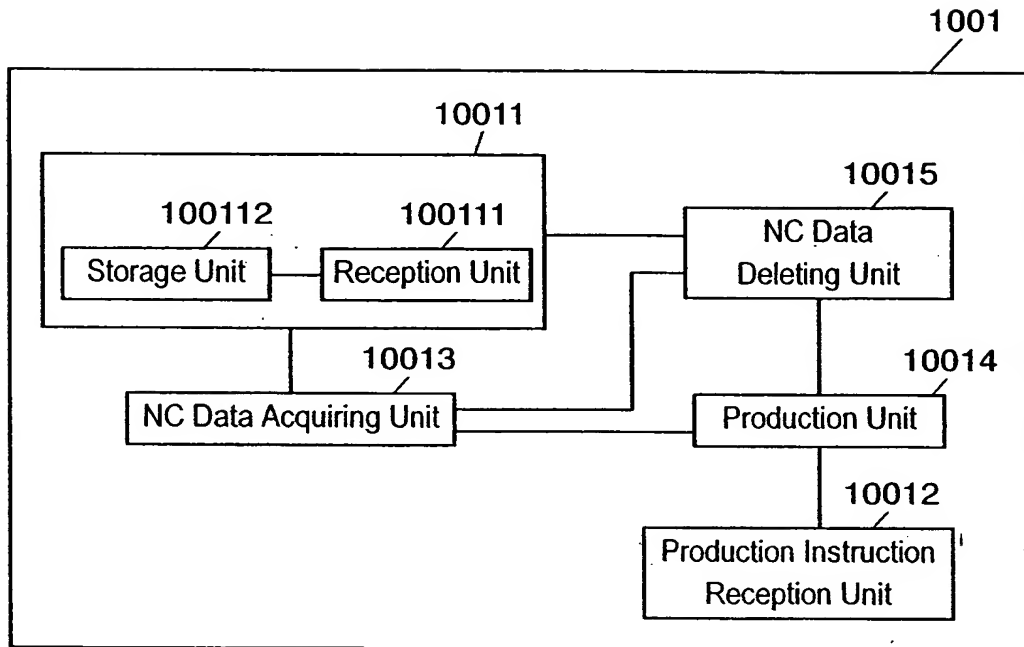
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FIG. 9

Production Possible Line Information			
Line Identifier	Production Schedule		Production Commision
Company A Line 1	Start Production	July 1, 2003	1 mil yen (50 yen/pcs)
	Complete Production	July 28, 2003	
	Total Production Time	666.7 hours	
Company B Line	Start Production	Oct. 1, 2003	800,000 yen (40 yen/pcs)
	Cmoplete Production	Nov. 5, 2003	
	Total Production Time	833.3 hours	

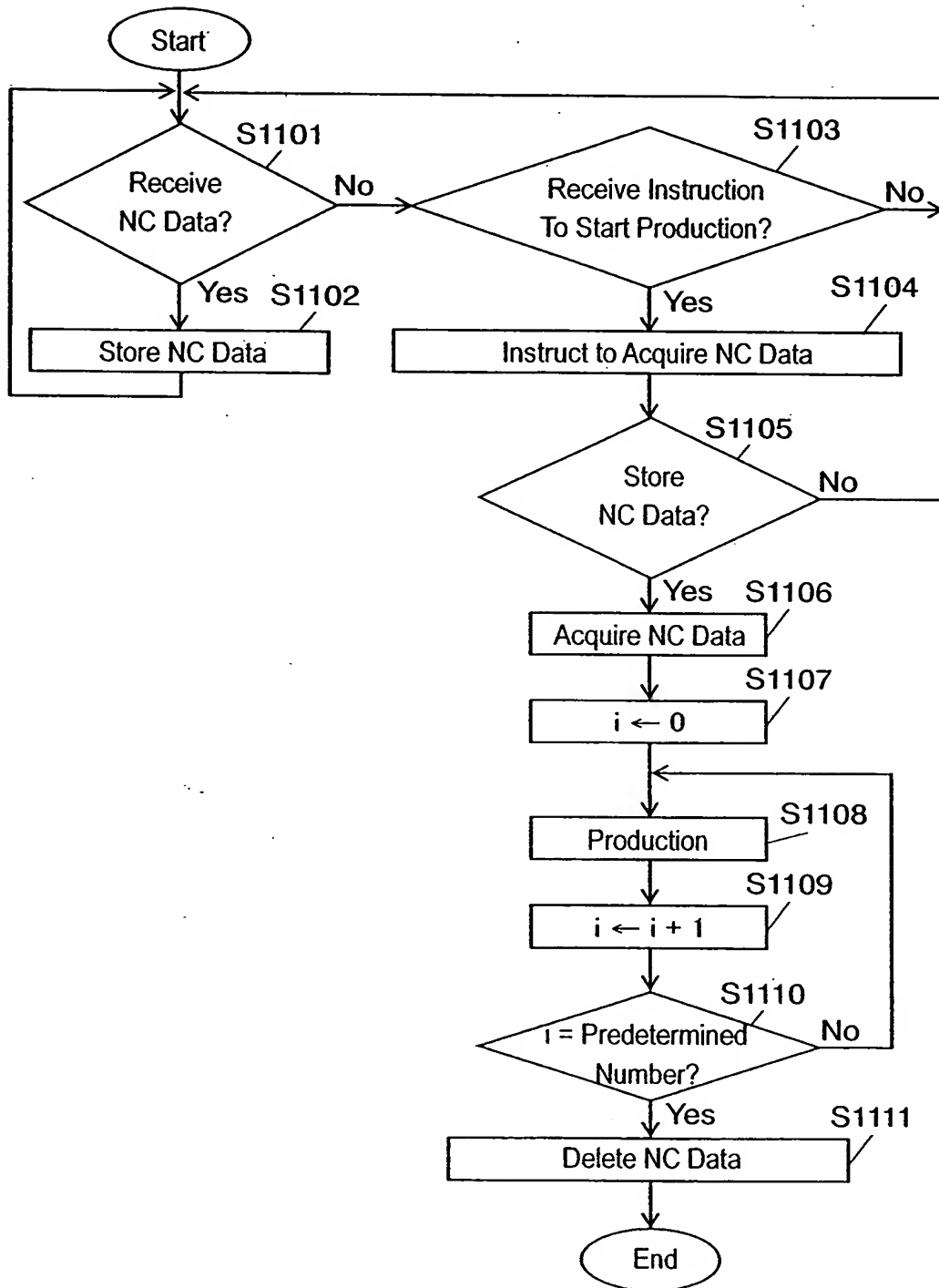
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FIG. 10

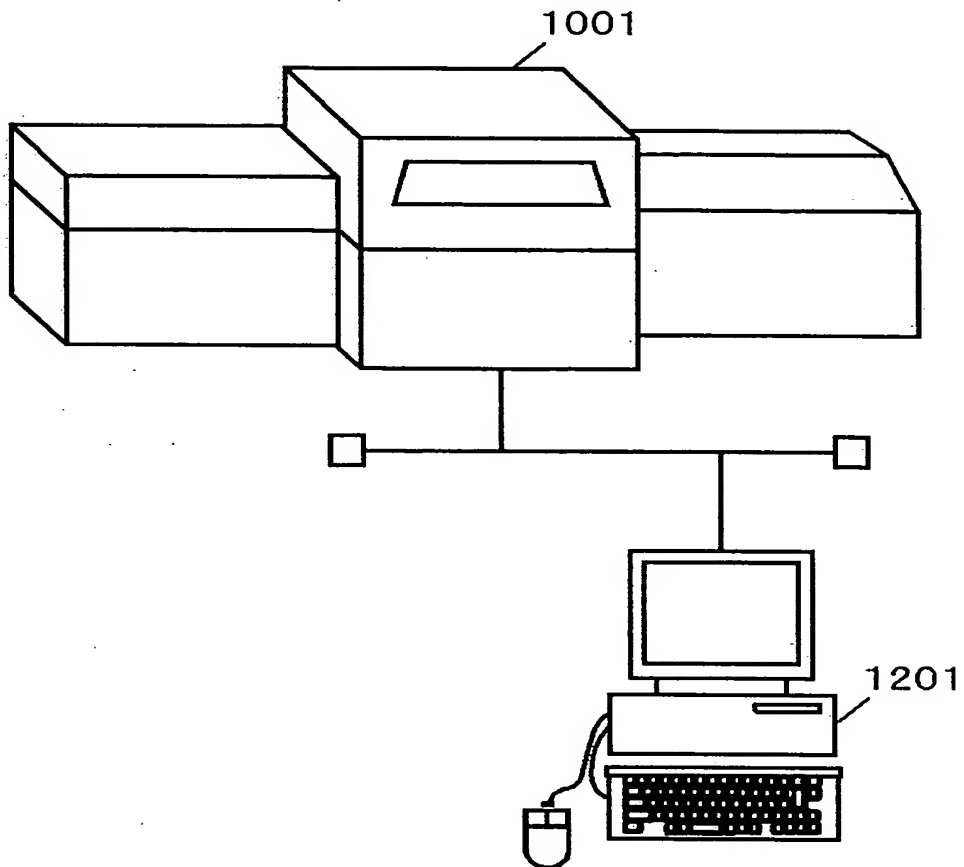


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FIG. 11

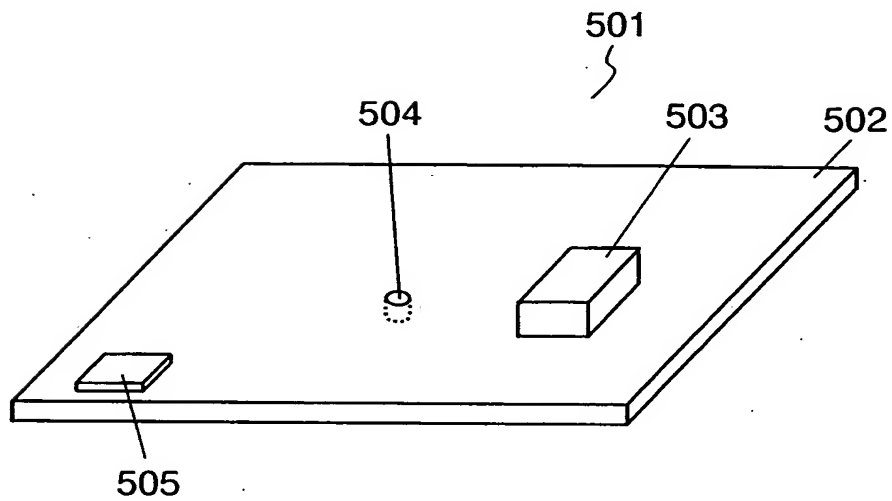


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FIG. 12



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FIG. 13



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Reference Numerals

- 1011 Line Information Storage Unit
- 1012 Data Reception Unit
- 1013 Line Identifier Acquiring Unit
- 1014 Output Unit
- 10011 NC Data Reception Unit
- 10012 Production Instruction Reception Unit
- 10013 NC Data Acquiring Unit
- 10014 Production Unit
- 10015 NC Data Deleting Unit